	Application No.	Applicant(s)
Issue Classification	10/615,921	HIRAGUCHI, KAZUO
	Examiner	Art Unit
	William A Rivera	3654

		IS	SUEC	LASSIFI									
OF	RIGINAL		CROSS REFERENCE(S)										
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)										
242	348	360	132										
INTERNATION	AL CLASSIFICATION												
G 1 1 B	23/107												
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(Assist	ant Examiner) (Dat	e)	WHin		w	Total Claims Allowed: 18							
M. A.	Marie	21804	PRIMA	AM A. RIVE RY EXAMI mary Examiner)	O.G Print Clai	m(s)	O.G Print Fig						
r (Legal IIIsu	omenis-examile)	(Date)	•	,	,-	ate)	1		3				
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Claims renumbered in the same order as presented by applicant								☐ CPA			☐ T.D			☐ R.1.47					
Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original
1	1			31			61			91			121			151			181
2	2			32			62			92			122			152			182
	თ			33			63			93			123			153			183
3	4			34		-	64		_	94			124			154			184
4	5			35			65			95	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		125			155			185
5	6			36			66			96			126			156			186
6	7			37			67			97			127		_	157			187
7	8			38			68			98			128			158			188
8	9			39			69			99			129			159			189
11	10			40			70			100			130			160			190
12	11			41			71			101			131			161			191
13	12			42			72			102			132			162			192
14	13			43			73			103			133		ŶI.	163			193
15	14		n P	44			74		1 10	104			134			164			194
16	15			45			75			105			135			165			195
17	16_			46			76			106			136			166	***************************************		196
18	17			47			77			107			137			167			197
9	18			48			78			108			138			168			198
10	19			49			79		_	109			139			169	***************************************		199
	20			50			80			110			140			170			200
	21			51			81			111			141			171			201
	22			52			82			112			142	44444444444444444444444444444444444444		172			202
	23			53	************		83			113			143			173			203
	24_			54			84	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		114	***************************************		144			174			204
	25_	111111111111111111111111111111111111111		55			85	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		115	***************************************		145			175			205
	26_			56			86			116			146			176			206
	27			57			87			117	***************************************		147			177			207
	28_			58			88			118			148			178			208
	29			59			89	***************************************		119			149			179			209
	30			60_	************		90			120			150			180			210